

Measurement Guess-Outs (Sample lesson for grades 3-5 but could be adapted for other grade levels)

Content Objective:

Measurement, estimating, numbers, metric and customary units, and fractions.
Children will practice measuring and estimating distance using metric and US measuring units.

Content Measuring Strategy:

On Monday, place two dots on the wall for guessing the distance. Talk about different ways to estimate distance.

Have kids write their guesses –put them in jar with their names by Wednesday--- no rulers or tapes allowed!

Before reading out answers, discuss how they guessed.

Talk about different ways to measure and estimate (direct and indirect; pace it off, use hands, use string, ruler, and tape measure).

Have two kids (rotate this!) actually measure, and then read out the guesses.

Closest ones win. Before receiving their prizes, they explain how they estimated.

Ask for guesses in different units: in inches, feet, centimeters, meters—harder as they get better.

What I need and need to do:

Decide the pints and the problem for each week

Big sticky dots or markers to show the points

Jar and papers for the guesses

Tape measures (minimum 4) strings, rulers

Comprehension Check and Assessment:

Are they getting better? Ask each for explanations of guesses.

Make sure all can use tape, and metric and US Units

Use checklist and put in portfolio

Follow-up Note: Did this work?

How can I improve the lesson?

Taken from *After-School Style: a Notebook and Guide*, p. 69 (Foundations, Inc.).